

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Declaration and Power of Attorney for Patent Application

特許出願宣言書及び委任状

Japanese Language Declaration

日本語宣言書

私は、以下に記名された発明者として、ここに下記の通り宣言する：

As a below named inventor, I hereby declare that:

私の住所、郵便の宛先そして国籍は、私の氏名の後に記載された通りである。

My residence, post office address, and citizenship are as stated next to my name.

下記の名稱の発明について、特許請求範囲に記載され、且つ特許が求められている発明主題に関して、私は、最初、最先且つ唯一の発明者である（唯一の氏名が記載されている場合）か、或いは最初、最先且つ共同発明者である（複数の氏名が記載されている場合）と信じている。

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

"GEL ELECTROLYTE BATTERY"

上記発明の明細書はここに添付されているが、下記の箱がチェックされている場合は、この限りでない：

the specification of which is attached hereto unless the following box is checked:

☐ _____ の日に出願され、

この出願の米国出願番号またはPCT国際出願番号は、

_____ であり、且つ

_____ の日に補正された出願（該当する場合）

☒ was filed on December 4, 2003

as United States Application Number or

PCT International Application Number

_____ and was amended on

_____ (if applicable).

私は、上記の補正によって補正された、特許請求範囲を含む上記明細書を検討し、且つ内容を理解していることをここに表明する。

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

私は、連邦規則法典第37編規則1.56に定義されている、特許性について重要な情報を開示する義務があることを認める。

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Japanese Language Declaration

(日本語宣言書)

私は、ここに、以下に記載した外国での特許出願または発明者証の出願、或いは米国以外の少なくとも一国を指定している米国法典第35編第365条(a)によるPCT国際出願について、同第119条(a)-(d)項又は第365条(a)項に基づいて優先権を主張するとともに、優先権を主張する本出願の出願日より前の出願日を有する外国での特許出願または発明者証の出願、或いはPCT国際出願については、いかなる出願も、下記の枠内をチェックすることにより示した。

I hereby claim foreign priority under Title 35, United States Code Section 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365 (a) of any PCT International application which designated at least one country other than the United States listed below and have also identified below, by checking the box, any foreign application for patent, or inventor's certificate, or PCT International application having a filing date before that of the application for which priority is claimed.

Priority Not Claimed

優先権を主張なし

Prior Foreign Application(s)

外国での先行出願

P2000-081860 (Number) (番号)	Japan (Country) (国名)	March 17, 2000 (Day/Month/Year Filed) (出願日/月/年)	<input type="checkbox"/>
 (Number) (番号)	 (Country) (国名)	 (Day/Month/Year Filed) (出願日/月/年)	<input type="checkbox"/>

私は、ここに、下記のいかなる米国仮特許出願についても、その米国法典第35編第119条(a)項の利益を主張する。

I hereby claim the benefit under Title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below.

 (Application No.) (出願番号)	 (Filing Date) (出願日)
 (Application No.) (出願番号)	 (Filing Date) (出願日)

私は、ここに、下記のいかなる米国出願についても、その米国法典第35編第120条に基づく利益を主張し、又米国を指定するいかなるPCT国際出願についても、その同第365条(c)に基づく利益を主張する。また、本出願の各特許請求の範囲の主題が、米国法典第35編第112条第1段に規定された態様で、先行する米国出願又はPCT国際出願に開示されていない場合においては、その先行出願の出願日と本国内出願日またはPCT国際出願日との間の期間中に入手された情報で、産卵規則法典第37編規則1.56に定義された特許性に関わる重要な情報について開示義務があることを承認する。

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s), or 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code Section 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

09/768,093 (Application No.) (出願番号)	January 23, 2001 (Filing Date) (出願日)	Pending (Status Patented, Pending, Abandoned) (現況: 特許許可、係属中、放棄)
 (Application No.) (出願番号)	 (Filing Date) (出願日)	 (Status Patented, Pending, Abandoned) (現況: 特許許可、係属中、放棄)

私は、ここに表明された私自身の知識に依る陳述が真実であり、且つ情報と信ずることに基づく陳述が、真実であると信じられることを宣言し、さらに、故意に虚偽の陳述などを行った場合は、米国法典第18編第1001条に基づき、罰金または拘禁、若しくはその両方により処罰され、またそのような故意による虚偽の陳述は、本出願またはそれに対して発行されるいかなる特許も、その有効性に問題が生ずることを理解した上で陳述が行われたことを、ここに宣言する。

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Japanese Language Declaration
(日本語宣言書)

委任状：私は本出願を審査する手続を行い、且つ米国特許商標庁との全ての業務を遂行するために、記名された発明者として、下記の弁護士及び/または弁理士を任命する。(氏名及び登録番号を記載すること)

All practitioners associated with Customer No. 26263, with full power of substitution and revocation.

書類送付先

David R. Metzger
SONNENSCHN NATH & ROSENTHAL
P.O. Box 061080
Sears Tower
Wacker Drive Station
Chicago, Illinois 60606-1080

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: (list name and registration number).

All practitioners associated with Customer No. 26263, with full power of substitution and revocation.

Send Correspondence to:

David R. Metzger
SONNENSCHN NATH & ROSENTHAL
P.O. Box 061080
Sears Tower
Wacker Drive Station
Chicago, Illinois 60606-1080

直通電話連絡先：(氏名及び電話番号)

David R. Metzger 312-876-2578
(Facsimile) 312-876-7934

Direct Telephone Calls to:
(name and telephone number)

David R. Metzger 312-876-2578
(Facsimile) 312-876-7934

唯一または第一発明者氏名	Full name of sole or first inventor TORU MIZUTANI
発明者の署名 日付	Inventor's signature Date
住所	Residence Fukushima, Japan
国籍	Citizenship Japan
郵便の宛先	Post Office Address c/o Sony Corporation 7-35, Kitashinagawa 6-chome Shinagawa-ku, Tokyo 141, Japan

第二共同発明者がいる場合、その氏名	Full name of second joint inventor, if any TSUYOSHI SUGIYAMA
第二共同発明者の署名 日付	Second inventor's signature Date
住所	Residence Fukushima, Japan
国籍	Citizenship Japan
郵便の宛先	Post Office Address c/o Sony Corporation 7-35, Kitashinagawa 6-chome Shinagawa-ku, Tokyo 141, Japan

(第三以下の共同発明者についても同様に記載し、署名をすること)

(Supply similar information and signature for third and subsequent joint inventors.)



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

OCTOBER 29, 2001

PTAS

SONNENSCHN NATH & ROSENTHAL
DAVID R. METZGER
WACKER DRIVE STATION, SEARS TOWER
P.O. BOX #061080
CHICAGO, IL 60606-1080



101826338A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 08/23/2001

REEL/FRAME: 012101/0719
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

MIZUTANI, TORU

DOC DATE: 07/04/2001

ASSIGNOR:

ONO, TAKASHI

DOC DATE: 07/09/2001

ASSIGNOR:

SHIDA, MASAYUKI

DOC DATE: 07/12/2001

ASSIGNOR:

SUGIYAMA, TSUYOSHI

DOC DATE: 07/31/2001

ASSIGNEE:

SONY CORPORATION
7-35, KITASHINAGWA 6-CHOME
SHINAGAWA-KU, TOKYO 141, JAPAN

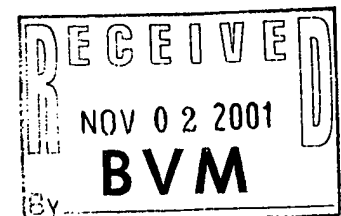
SERIAL NUMBER: 09768093

FILING DATE: 01/23/2001

PATENT NUMBER:

ISSUE DATE:

RECEIVED 11/2/01 DOCKET
DOCKETED Assignment
DIARIED 11/2/01
BY: BVM



012101/0719 PAGE 2

MARY BENTON, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

08-28-2001

FORM PTO-1595



EET

U.S. DEPARTMENT OF COMMERCE

1/31/92

101826338

Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please Record the attached original documents or copy thereof.

1. Name of conveying party(ies):

TORU MIZUTANI
TAKASHI ONO
MASAYUKI SHIDA
TSUYOSHI SUGIYAMA

8-23-01

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of

Name

☐ Other

Execution Date July 4, 9, 12 and 31, 2001

2. Name and address of receiving party(ies):

Name: Sony Corporation

Internal Address:

7-35, Kitashinagawa 6-chome

Shinagawa-ku, Tokyo 141, Japan

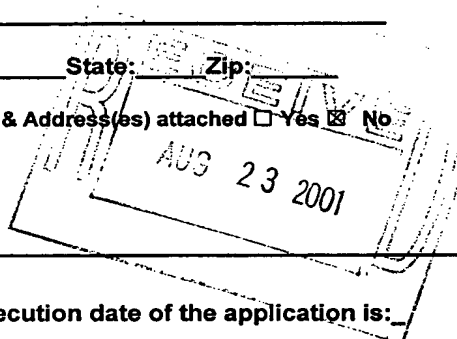
Street Address:

City:

State:

Zip:

Additional Name(s) & Address(es) attached ☐ Yes ☒ No



4. Application (number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

U.S. Serial No. 09/768,093 filed January 23, 2001

Attorney Docket No. 097092909-4758

B: Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

SONNENSCHN NATH & ROSENTHAL
P.O. Box #061080
Wacker Drive Station
Sears Tower
Chicago, IL 60606-1080
Customer ID No. 26263

6. Total number of applications and patents involved

1

7. Total Fee (37 CFR 3.41) \$ 40.00

☒ Enclosed

☒ Authorized to be charged to deposit account any Additional fees

8. Deposit Account Number:

19.3140

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature:

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

David R. Metzger

Name of Person Signing

Signature

August 21, 2001

Date

Total number of pages 3

Mail documents to be recorded and required cover sheet information to:

Commissioner of Patents and Trademarks

Box Assignments

Washington, D.C. 20231+

08/28/2001 TDIAZ1 00000008 09768093

01 FC:581

40.00 DP

ASSIGNMENT

WHEREAS, I, as a below named inventor, residing at the address stated next to my name, am a sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of certain new and useful improvements in GEL ELECTROLYC BATTERY

for which application for Letters Patent of the United States of America was executed by me on the date indicated next to my name and address;

AND WHEREAS, Sony Corporation, a Japanese corporation with offices at 7-35 Kitashinagawa 6-Chome, Shinagawa-Ku, Tokyo, Japan (hereinafter referenced as ASSIGNEE) is desirous of acquiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, as a sole or joint inventor as indicated below, by these presents do hereby assign, sell and transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title and interest in the said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue the said United States Letters Patent to said ASSIGNEE, as the assignee of the whole right, title and interest thereto;

And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or its designee, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereto;

And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid invention, as the ASSIGNEE thereof shall hereafter require and prepare at its own expense;

And I further agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will testify as to the same in any interference or litigation related thereto;

And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

And I hereby authorize and request my attorney(s) of record in this application to insert the serial number and filing date of this application in the spaces that follow: Serial Number: 09/768,093, Filing Date: 1/23/2001.

This assignment executed on the dates indicated below.

TORU MIZUTANI

Name of first or sole inventor

Execution date of U.S. Patent Application

FUKUSHIMA, JAPAN

Residence of first or sole inventor

Toru Mizutani

July 9 2001

Signature of first or sole inventor

Date of this assignment

TAKASHI ONO

Name of second inventor

Execution date of U.S. Patent Application

FUKUSHIMA, JAPAN

Residence of second inventor

Takashi Ono

July 9, 2001

Signature of second inventor

Date of this assignment

MASAYUKI SHIDA

Name of third inventor

Execution date of U.S. Patent Application

FUKUSHIMA, JAPAN

Residence of third inventor

Masayuki Shida

July 12, 2001

Signature of third inventor

Date of this assignment

TSUYOSHI SUGIYAMA

Name of fourth inventor

Execution date of U.S. Patent Application

MIYAGI, JAPAN

Residence of fourth inventor

Tsuyoshi Sugiyama

July 31, 2001

Signature of fourth inventor

Date of this assignment

Name of fifth inventor

Execution date of U.S. Patent Application

Residence of fifth inventor

Signature of fifth inventor

Date of this assignment